

## CLAIMS

1. A communication system which sets a data transmission time which is the time suitable for data transmission in a period and a quasi-data transmission time which is the time other than the data transmission time in the same period in accordance with the transmission path, characterized in that,

bits are assigned in such a manner that the data for one period can be transmitted during the data transmission time of that period and the data are distributed uniformly over the data transmission time of the period.

2. A communication system which sets a data transmission time which is the time suitable for data transmission in a period and a quasi-data transmission time which is the time other than the data transmission time in the same period in accordance with the transmission path, characterized in that,

bits are assigned in such a manner that the data for one period can be transmitted during the data transmission time and the quasi-data transmission time of that period and the data are distributed uniformly over each of the data transmission time and the quasi-data transmission time of the period.

3. A communication system which sets a data transmission time which is the time suitable for data transmission in a period and a quasi-data transmission time which is the time other than

the data transmission time in the same period in accordance with the transmission path and transmits a first and a second data by multiplexing, characterized in that,

bits are assigned in such a manner that, the first data for one period can be transmitted during the data transmission time of that period and the first data are distributed uniformly over the data transmission time of the period, and the second data of a predetermined period can be transmitted in the portion of the data transmission time of the predetermined period where the first data have not been assigned.

4. A communication system which sets a data transmission time which is the time suitable for data transmission in a period and a quasi-data transmission time which is the time other than the data transmission time in the same period in accordance with the transmission path and transmits a first and a second data by multiplexing, characterized in that,

bits are assigned in such a manner that, the first data for one period can be transmitted during the data transmission time and the quasi-data transmission time of that period and the first data are distributed uniformly over each of the data transmission time and the quasi-data transmission time of the period, and the second data of a predetermined period can be transmitted in the portion of the data transmission time and the quasi-data transmission time of the predetermined period

where the first data have not been assigned.

5. A communication system which sets a data transmission time which is the time suitable for data transmission in a period and a quasi-data transmission time which is the time other than the data transmission time in the same period in accordance with the transmission path, characterized in that,

bits are assigned in such a manner that the data for one period can be transmitted during the data transmission time of that period and the data are distributed uniformly over the data transmission time of the period, the data transmitted in this manner is received, and all the data for that period are reproduced based on the portion of the received data assigned to the data transmission time of the same period.

6. A communication system which sets a data transmission time which is the time suitable for data transmission in a period and a quasi-data transmission time which is the time other than the data transmission time in the same period in accordance with the transmission path, characterized in that,

bits are assigned in such a manner that the data for one period can be transmitted during the data transmission time and the quasi-data transmission time of that period and the data are distributed uniformly over each of the data transmission time and the quasi-data transmission time of the period, the

data transmitted in this manner is received, and all the data for that period are reproduced based on the portion of the received data assigned to the data transmission time and the quasi-data transmission time of the same period.

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7. A communication system which sets a data transmission time which is the time suitable for data transmission in a period and a quasi-data transmission time which is the time other than the data transmission time in the same period in accordance with the transmission path and transmits a first and a second data by multiplexing, characterized in that,

bits are assigned so that the first data for one period can be transmitted during the data transmission time of the particular period and the first data are distributed uniformly over the data transmission time of the period, so that the second data of a predetermined period can be transmitted in the portion of the data transmission time of the predetermined period where the first data have not been assigned, and so that the data so assigned and transmitted are received and all the first data of one period are reproduced based on the portion of the received first data assigned to the data transmission time for the period, and wherein all the second data of a predetermined period are reproduced based on the received second data assigned to the data transmission time of the predetermined period.

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8. A communication system which sets a data transmission time which is the time suitable for data transmission in a period and a quasi-data transmission time which is the time other than the data transmission time in the same period in accordance with the transmission path and transmits a first and a second data by multiplexing, characterized in that,

bits are assigned in such a manner that the first data for one period can be transmitted during the data transmission time and the quasi-transmission time of that period and the first data are distributed uniformly over each of the data transmission time and the quasi-data transmission time of that period, and the second data of a predetermined period can be transmitted in the portion of the data transmission time and the quasi-data transmission time of the predetermined period where the first data have not been assigned, wherein the data so assigned and transmitted are received, and all the first data of one period are reproduced based on the portion of the received first data assigned to the data transmission time and the quasi-data transmission time, while all the second data of a predetermined period are reproduced based on the portion of the received second data assigned to the data transmission time and the quasi-data transmission time of the predetermined period.

9. A communication method in which a data transmission time which is the time suitable for data transmission in a period

and a quasi-data transmission time which is the time other than the data transmission time is set in the same period in accordance with the transmission path, characterized in that,

bits are assigned in such a manner that the data for one period can be transmitted during the data transmission time of that period and the data are distributed uniformly over the data transmission time of the period.

10. A communication method in which a data transmission time which is the time suitable for data transmission in a period and a quasi-data transmission time which is the time other than the data transmission time is set in the same period in accordance with the transmission path, characterized in that,

bits are assigned in such a manner that the data for one period can be transmitted during the data transmission time and the quasi-data transmission time of that period and the data are distributed uniformly over each of the data transmission time and the quasi-data transmission time of the period.

11. A communication system in which a data transmission time which is the time suitable for data transmission in a period and a quasi-data transmission time which is the time other than the data transmission time in the same period is set in accordance with the transmission path and transmits a first and a second data by multiplexing, characterized in that,

bits are assigned in such a manner that, the first data for one period can be transmitted during the data transmission time of that period and the first data are distributed uniformly over the data transmission time of the period, and the second data of a predetermined period can be transmitted in the portion of the data transmission time of the predetermined period where the first data have not been assigned.

12. A communication system in which a data transmission time which is the time suitable for data transmission in a period and a quasi-data transmission time which is the time other than the data transmission time in the same period is set in accordance with the transmission path and transmits a first and a second data by multiplexing, characterized in that,

bits are assigned in such a manner that, the first data for one period can be transmitted during the data transmission time and the quasi-data transmission time of that period and the first data are distributed uniformly over each of the data transmission time and the quasi-data transmission time of the period, and the second data of a predetermined period can be transmitted in the portion of the data transmission time and the quasi-data transmission time of the predetermined period where the first data have not been assigned.

13. A communication method in which a data transmission time

which is the time suitable for data transmission in a period and a quasi-data transmission time which is the time other than the data transmission time is set in the same period in accordance with the transmission path, characterized in that,

5 bits are assigned in such a manner that the data for one period can be transmitted during the data transmission time of that period and the data are distributed uniformly over the data transmission time of the period, the data transmitted in this manner is received, and all the data for that period are  
10 reproduced based on the portion of the received data assigned to the data transmission time of the same period.

14. A communication method in which a data transmission time which is the time suitable for data transmission in a period  
15 and a quasi-data transmission time which is the time other than the data transmission time is set in the same period in accordance with the transmission path, characterized in that,

bits are assigned in such a manner that the data for one period can be transmitted during the data transmission time and  
20 the quasi-data transmission time of that period and the data are distributed uniformly over each of the data transmission time and the quasi-data transmission time of the period, the data transmitted in this manner is received, and all the data for that period are reproduced based on the portion of the  
25 received data assigned to the data transmission time and the



quasi-data transmission time of the same period.

15. A communication system in which a data transmission time which is the time suitable for data transmission in a period and a quasi-data transmission time which is the time other than the data transmission time in the same period is set in accordance with the transmission path and transmits a first and a second data by multiplexing, characterized in that,

bits are assigned so that the first data for one period can be transmitted during the data transmission time of the particular period and the first data are distributed uniformly over the data transmission time of the period, so that the second data of a predetermined period can be transmitted in the portion of the data transmission time of the predetermined period where the first data have not been assigned, and so that the data so assigned and transmitted are received and all the first data of one period are reproduced based on the portion of the received first data assigned to the data transmission time for the period, and wherein all the second data of a predetermined period are reproduced based on the received second data assigned to the data transmission time of the predetermined period.

16. A communication system in which a data transmission time which is the time suitable for data transmission in a period and a quasi-data transmission time which is the time other than

the data transmission time in the same period is set in accordance with the transmission path and transmits a first and a second data by multiplexing, characterized in that,

bits are assigned in such a manner that the first data  
5 for one period can be transmitted during the data transmission time and the quasi-transmission time of that period and the first data are distributed uniformly over each of the data transmission time and the quasi-data transmission time of that period, and the second data of a predetermined period can be  
10 transmitted in the portion of the data transmission time and the quasi-data transmission time of the predetermined period where the first data have not been assigned, wherein the data so assigned and transmitted are received, and all the first data of one period are reproduced based on the portion of the received  
15 first data assigned to the data transmission time and the quasi-data transmission time, while all the second data of a predetermined period are reproduced based on the portion of the received second data assigned to the data transmission time and the quasi-data transmission time of the predetermined period.